

19970905.ba v01_n655.bam.970905

>From ???@??? Fri Sep 05 02:55:55 1997
Message-Id: <199709050502.AAA02362@sco.theporch.com>
Date: Fri, 5 Sep 1997 00:02:37 CDT
Subject: BOATANCHORS digest 1655

BOATANCHORS Digest 1655

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- 1) Re: SX-28 question
by John Ward <ww1aero@ix.netcom.com>
- 2) Anyplace in Syracuse, NY to look??
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- 3) FS: Heathkit SB-10s
by Gary Harmon <gharmon@txdirect.net>
- 4) Xmitting tubes FS
by WA6GYD@aol.com
- 5) 200V-Fixed(?) Tnx to all who helped
by Bob Login <jlogin@gville.mindspring.com>
- 6) More tubes than an R-390?
by Scott Robinson <spr@earthlink.net>
- 7) RE: Regenny receivers..notes
by Sandy W5TVW <ebjr@worldnet.att.net>
- 8) R390 noise
by laffitte@prtc.net (laffitte)
- 9) RE: Question re: capacitors in R-390A C609
by Dennis McLaughlin <dennism2@ix.netcom.com>
- 10) help
by "Malcolm J. Skipper Sr." <skipperm@bellsouth.net>
- 11) Re: Oldest Stuff
by "Jim Zellmer" <zellmer@raccoon.com>

Date: Thu, 4 Sep 1997 19:18:34 -0400
From: John Ward <ww1aero@ix.netcom.com>
To: boatanchors@sco.theporch.com
Subject: Re: SX-28 question
Message-ID: <v03007800b034f0da7199@[199.183.209.54]>

>I'm in the process of trying to bring an SX-28A back to life. In working thru
>the circuit, I find that the cathode bypass resistor for the P-P 6V6's has
>been changed from the factory manual spec of 220 ohms at 2 watts to a 350 ohm
>at 20 watts. I looked at the SX-28 I also have (next to be restored after the
>SX-28A is finished) and find that the resistor here has also been changed,
>still 220 ohms but 10 watts. I have an SX-28 and an SX-28A manual and

>both indicate 220 ohms at 2 watts. Is there anything that I should know about
>the audio amp circuit to suggest why both radios have been modified to take a
>much higher rated wattage resistor than what was originally called out?

>

>73, Ray W2EC w2ec@vnet.ibm.com

Ray, that original 2 watt resistor was running on the edge, and no doubt went south at an early age. A 5 watt would probably be ok, the 10 watt wire-wound will last forever. 220 ohms is the right value; the 390 will give the tubes a little more bias so they'll run cooler, while losing a bit of output power. No big deal, but if you're a purist change it to a 220 ohm unit.

Hope this helps.

John, KE2ST

Date: Thu, 04 Sep 1997 18:28:21 -0600
From: "Herbert M. Rosenthal" <herbrose@lobo.net>
To: BoatAnchors <boatanchors@theporch.com>
Subject: Anyplace in Syracuse, NY to look??
Message-ID: <340F5220.49D6@lobo.net>

I will be in Syracuse next weekend, September 12-15, for my 50th HS reunion. Going to see all those (other) old people with false teeth and white hair :-).

Are there any good dumpster dives there for BA, etc?

Thanks.

Herb Rosenthal W5AN

herbrose@lobo.net

BTW..I was the only ham im my class of 250..W2PIV, 1946.

Date: Thu, 04 Sep 1997 19:42:39 -0500
From: Gary Harmon <gharmon@txdirect.net>
To: HEATH@LISTSERV.TEMPE.GOV
Cc: boatanchors@theporch.com
Subject: FS: Heathkit SB-10s
Message-ID: <3.0.1.32.19970904194239.006cdda4@mail.txdirect.net>

Sold 2, have 2 left. One is original but has some minor dents in the

front. The other has some PTT mods and some black ink marks on the front.
Small cracks in meter case. Manual copy included. \$80 for both shipped.
Trades considered.

73,
gary

=====
Gary H. Harmon, Jr., K5JWK
6302 Robin Forest
San Antonio, TX 78239-3218
(210) 657-1549
gharmon@txdirect.net

Too Many Projects, Not Enough Time!
Better to Have and Not Need than to Need and Not Have!
Pack Unto Others As You Would Have Them Pack Unto You!

=====

Date: Thu, 4 Sep 1997 20:43:52 -0400 (EDT)
From: WA6GYD@aol.com
To: baswaplist@foothill.net
Cc: boatanchors@theporch.com
Subject: Xmitting tubes FS
Message-ID: <970904203823_-1870361452@emout06.mail.aol.com>

This is a list of xmit tubes for sale. All tubes not marked "NOS" are used,
Fil's will be tested for continuity before shipping.

2ea 805"s (VT106) \$10 ea
1ea 808 \$10
3ea 866 jr's two are NOS in Taylor boxes. \$25 set
3ea 866A's \$5 ea
1ea 4-250 has corigated plate. \$20

Sold as if at a garage sale. Make offer, I may or may not take it, however
First person that offers the listed price will get it.

These tubes (except for the 4-250) have been listed before, and offers made
but no checks ever arrived. So I am re-listing. I have other xmit tubes for
sale also, please ask if interested and I will send list.

Don

Date: Thu, 04 Sep 1997 20:45:52 -0400
From: Bob Login <jlogin@gville.mindspring.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 200V-Fixed(?) Tnx to all who helped
Message-ID: <199709050057.UAA00478@brickbat8.mindspring.com>

Fellow BA's--To those so generously helped me --TNX
As it turns out the coupling cap from the plate of the mic amp
to the next stage was out--when replaced everything seems ok.
full output on all bands(or nearly) and proper patterns on scope.
Will now check it out on the air--Love the rig(Tnx to Jon K1VVC for
getting the rig for me)--73's Bob AA8A

Date: Thu, 04 Sep 1997 17:05:24 -0700
From: Scott Robinson <spr@earthlink.net>
To: boatanchors@theporch.com
Subject: More tubes than an R-390?
Message-ID: <340F4CC4.31980F83@earthlink.net>

Folks,

Well, the E. H. Scott Philharmonic (1935 vintage, roughly) uses 30 tubes
as I recall, and Scott built a one-off special version with 40 or 48
tubes. I expect that the extras were in the audio section as the radio
already had 2 RF amps and 3 IFs...

Regards,

--
Scott Robinson
spr@earthlink.net

Junque is GOOD for you!

Date: Fri, 5 Sep 1997 01:33:32 +0000
From: Sandy W5TVW <ebjr@worldnet.att.net>
To: boatanchors@theporch.com, glowbugs@www.atl.org
Subject: RE: Regenny receivers..notes
Message-ID: <19970905013331.AAA116@LOCALNAME>

Hello Gang,

This goes under teaching an old dog some "old" tricks. I hope it might help you "new dogs" out there!

Been experimenting with various dual triodes in a detector-a.f. amplifier regenerative receiver configuration. Using old style 2000 ohm headset as the 'reproducers'. Have played with various values of grid leaks, regeneration controls (throttle capacitors vs. plate rheostat for regen stage), etc.

Most of my experimentation has been with 'battery' tubes such as the '19, 1J6G, pair of '30's, pair of 1G4G's, etc. Tonight I wired an adapter to use a single 3A5 in place of the 1J6G. Since this is a 1.4 volt filament tube (or 2.8v series operation, mine wired for 1.4 volts), I use a limiting resistor in the "A" supply which is 2 volts from Gates lead-acid cells in my battery box. The 3A5 works very well, but will require adjustment to the 'tickler' coil or the bypass cap. at the B+ end of the tickler for a bit less feedback for ideal operation. Obviously, it has more gain than the 1J6 (octal version of the '19).

What was startling was how the 1J6 operated with the reduced filament voltage. I raided my junkbox for a 6 or 10 ohm pot., put it in line and found the 1J6 actually works better with 1.5-1.6 volts on the filament instead of 2 volts! It will regenerate well down to a little less than a volt. On reading all the old books, I presumed that the filament rheostats in the old receivers were mainly there to reduce a 3 volt dry-cell supply to the 2 volts the 1J6 was rated for. Right? Well, partially! I read tales of 01A's etc. working at well less than the 5 volts they are rated for and passed it off as non uniformity in the old early tubes. NOT!!!!!!

Moral: If you build a regen using 'battery' bottles, don't leave out the filament control! Even if you think you have the 'rated "A" supply voltage' for the tubes in question! As any of you know who have messed with regenerative receivers, making one work properly can be a tedious process. Even though they are very simple, they can and will be very cantankerous! Nothing marvels to the performance they give with an absolutely bare minimum of parts! Major Edwin Armstrong was a genius!

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,
Metairie, LA., 70001

ebj@worldnet.att.net
Looking for: Hallicrafters SR-75 Transceiver
RK-34(VT-224) tubes, Butternut HF2V antenna

Date: Thu, 04 Sep 1997 21:49:29 -0300
From: laffitte@prtc.net (laffitte)
To: boatanchors@theporch.com
Subject: R390 noise
Message-ID: <340F5719.4A6F@prtc.net>

Well gang, I took down the R390 from the rack and checked the Gain Adjust control to see if the noise would come down. It didn't. Now I have noise coming out of the speaker even when changing bands. Strong stations are received though. I am doing the usual resistance checks starting with the IF subunit. Anyone with a similar problem? Any recommendations? I will appreciate help on this. I have tackled R390As before but never the 390. In the meantime I will also keep track of ERIKA the tropical storm soon to become a hurricane and with a track too close to us for comfort.

TNX and best of 73s
Guido E. Santacana
BA collector in the tropics
San Juan, Puerto Rico

Date: Thu, 4 Sep 1997 21:45:06 -0400
From: Dennis McLaughlin <dennism2@ix.netcom.com>
To: "'mc@shore.net'" <mc@shore.net>,
 "'Boatanchors Message Post'"
Subject: RE: Question re: capacitors in R-390A C609
Message-ID: <01BCB97B.D9CC6BA0@akr-oh10-06.ix.netcom.com>

Michael

Here is an earlier post of mine to Ben Hall on C609.
=20

Dennis

Ben

C609 is a 8uF 30 volt +50-15% tantalum slug wet anode 85=B0C capacitor.
MIL-C-3965 spec CL44BH080TP3.=20

Sprague 132D805C5030U0.
ITT MA8MA.
Fansteel PP8B30A2.

I replaced the cap with a 10uF at 50 volt axial aluminum.

From: Benjamin D. Hall[SMTP:bdhall@ghg.net]
Sent: Monday, January 06, 1997 5:15 PM
To: Multiple recipients of list
Subject: R-390A question

Hey there R-390A fans, need a small peice of info...

C609 in the audio is an 8 uf polarized electrolytic cap according to my manual. But what is the voltage rating? Since it is a cathode resistor bypass on 5814A, I'm thinking 25 or 50 volts would be appropriate. For some odd reason my R-390A manual doesn't list resistor wattages or cap working voltages. Anyone know for sure?

Thanks and 73,
Ben

From: Michael Crestohl[SMTP:mc@shore.net]
Sent: Wednesday, September 03, 1997 4:52 PM
To: Old Tube Radios
Subject: Question re: capacitors in R-390A

Hello All:

I am currently working on a couple of R-390As and have encountered a couple of interesting situations:

I performed the "soft audio" mod as outlined by Chuck WA4HHG and noticed that one of the small capacitors on the board on the underside of the audio deck, C-609, had become quite hot at one point that it burned the board material. A quick look at the schematic showed this to be an 8 uF electrolytic but I cannot easily determine its working voltage. Physically this is a small capacitor so I imagine the voltage rating would be quite low. I have the parts list but this shows that there are 3 C-609s, all =

different
descriptions and values. The closest one is an 8 uF at 30 Volts but it =
also
shows this cap is used also used as C-612. Close examination shows =
C-612
to be a mica cap.

Anyone have any ideas on the working voltage of C-609? Does 30 VDC seem
reasonable?

73,

Michael Crestohl, W1RC
mc@shore.net

Date: Thu, 04 Sep 1997 23:05:06 -0700
From: "Malcolm J. Skipper Sr." <skipperm@bellsouth.net>
To: boatanchors@sco.theporch.com
Subject: help
Message-ID: <340FA112.60E@bellsouth.net>

I recently purchased an RCA Chanalyst. I would like to but it to work on
my repair bench. I need operation and service manuals. Will buy original
manuals or pay cost and expenses for a good copy.
You help is greatly appreciated.

Regards
Skip
email skipperm@bellsouth.net

Date: Thu, 4 Sep 1997 23:15:50 -0500
From: "Jim Zellmer" <zellmer@raccoon.com>
To: "boatanchors digest" <boatanchors@sco.theporch.com>,
"Mike Sewell" <K0CRX@compuserve.com>
Subject: Re: Oldest Stuff
Message-ID: <199709050356.WAA10206@slip1.raccoon.com>

God knows.....

From: Mike Sewell <K0CRX@compuserve.com>

To: BOATANCHORS <boatanchors@theporch.com>
Subject: RE: Oldest Stuff
Date: Thursday, 1997 September, 04 6:22 PM

I'll cast my vote for the vacuum found in vaccum devices as the oldest,
longest running component in our colorful and interesting history. Wonder
if anybody ever patented THAT baby!

73, Mike
K 0 Collects Radios eXclusively/WPE0CFK

73 ES GOD BLESS U ES URS

JIM ZELLMER, KA0VSL

End of BOATANCHORS Digest 1655
